

# ABSTRACT OF THE DISCLOSURE

Instruments for forming an immobilized sample on a porous membrane are described, a representative one of which includes: (a) a first plate containing a first connector and  
5 a first region provided with a plurality of through-holes; and (b) a second plate containing a second connector configured for engaging the first connector and a second region provided with a plurality of through-holes. A porous membrane is interposed between the first region and the  
10 second region by engagement of the first connector and the second connector. Methods for quantifying a target substance in an immobilized sample are also described.